

CLAIM 1. A lens comprising:

a lens having a first surface and a second surface spaced from said first surface, said lens further having a viewing portion;

said first surface comprising a section of a 3-dimensional surface which is defined by rotating an aspheric shape about an axis, which axis is not an axis of said aspheric shape, and which is offset from an axis of said aspheric shape; and

said second surface having a curvature which, together with said first surface, provides zero power to at least said viewing portion of said lens; and

wherein said lens is comprised of formed polymeric material.

CLAIM 2. The lens of claim 1 wherein:

said aspheric shape includes an elliptical arc.

CLAIM 3. The lens of claim 2 wherein:

said aspheric shape comprises an ellipse.

CLAIM 4. The lens of claim 3 wherein:

said axis of said ellipse comprises the major axis of said ellipse.

CLAIM 5. The lens of claim 4 wherein:

said offset axis is parallel to said major axis.

CLAIM 6. The lens of claim 3 wherein:

said axis of said ellipse comprises the minor axis of said ellipse.

CLAIM 7. The lens of claim 6 wherein:

said offset axis is parallel to said minor axis.

CLAIM 8. The lens of claim 3 wherein:

said offset axis is coplanar with said aspheric shape.

CLAIM 9. The lens of claim 8 wherein:

said offset axis is infinitely distanced from said axis of said aspheric shape.

CLAIM 10. The lens of claim 1 wherein:

said lens comprises dual lens sections.

CLAIM 11. The lens of claim 10 wherein:

said dual lens ^{sections}~~section~~ are interconnected by a bar.

CLAIM 12. The lens of claim 1 including:

a resilient flange along at least a portion of the periphery of said lens.

CLAIM 13. The lens of claim 12 wherein:

said resilient flange comprises a foam flange.

CLAIM 14. The lens of claim 3 including:

a resilient flange along at least a portion of the periphery of said lens.

CLAIM 15. The lens of claim 14 wherein:

said resilient flange comprises a foam flange.

CLAIM 16. The lens of claim 3 wherein:

said ellipse has a major axis of 4.125 centimeters in length and a minor axis of 4.0 centimeters in length.

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said first surface comprising a section of a 3-dimensional surface which is defined by rotating an ellipse about an axis which is coplanar, parallel to, and offset from an axis of said ellipse;

wherein said lens is comprised of formed polymeric material;

said axis of said ellipse comprises the major axis of said ellipse.

said axis of said ellipse comprises the minor axis of said ellipse.

said offset axis is infinitely distanced from said axis of said ellipse.

a resilient flange along at least a portion of the periphery of said lens.

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CLAIM 22. The lens of claim 21 wherein:

said resilient flange comprises a foam flange.

CLAIM 23. The lens of claim 17 wherein:

said ellipse has a major axis of 4.125 centimeters in length and a minor axis of 4.0 centimeters in length.

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